



OAKHAM RURAL DISTRICT COUNCIL

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for the

YEAR ENDING 31st. DECEMBER, 1939

1. The first part of the paper is devoted to the study of the properties of the function  $f(x)$  defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

and to the study of the function  $F(x)$  defined by the equation

$$F(x) = \int_0^x \frac{1}{1+t^2} dt$$

and to the study of the function  $G(x)$  defined by the equation

$$G(x) = \int_0^x \frac{1}{1+t^2} dt$$

PUBLIC HEALTH OFFICERS OF  
OAKHAM RURAL DISTRICT COUNCIL

Medical Officer of Health

J. Young, M.B., Ch.B., D.P.H., Camb.

Sanitary Inspector

G. E. Wells

Royal Sanitary Institute and Sanitary Inspectors  
Examination.

Royal Sanitary Institute Meat & Other Foods.  
Certificate General Hygiene

. . .

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LEICESTERSHIRE AND RUTLAND COMBINED DISTRICTS.

10. High Street,  
Melton Mowbray.

3rd December, 1940.

Dear Sir,

Oakham Rural District Council.

I wish to point out that an error has occurred in the Housing Section of the above Report.

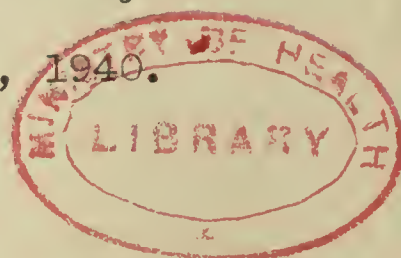
Paragraph 3 of 'Inspection of dwelling-houses during the Year'-  
Number of dwelling-houses found to be in a state so dangerous or  
injurious to health as to be unfit for human habitation - 101.  
This figure should be 10 and not 101.

Yours faithfully,

(Sgd.) John Young.

Medical Officer of Health.

The Secretary,  
Ministry of Health,  
Whitehall,  
London, S.W.1. (R.A.).



## A N N U A L      R E P O R T

Mr. Chairman and Gentlemen,

I have the honour of presenting my First Annual Report respecting the health and sanitary conditions of your District for the year ending 31st. December, 1939.

In accordance with the suggestion of the Ministry of Health the Report has been made as brief and concise as possible.

Owing to the many additional and exceptional duties which have been imposed on the staff as a result of the War, routine work has had to be somewhat curtailed, but essential and urgent matters which affect the public health are receiving careful attention.

I have the honour to be . .

Your obedient Servant,

John Young, M.B., Ch.B., D.P.H., Camb.

Medical Officer of Health.

*Journal of Management Studies*, 19(6), 709-728.

[illegible]



## STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (in acres) ... 52,551

Registrar-General's estimate of:-

(a) Resident population, mid-1939 ... 6,304

(b) Average population appropriate to the  
calculation of death rates... 6,543

Number of inhabited houses (end of 1939) according  
to Rate Book ... 1,873

Rateable Value ... £30,253

Sum represented by a penny rate... £116

### SOCIAL CONDITIONS

Agriculture is the staple industry, there being no factories or Workshops save such as are common to all Rural Districts. Ironstone is worked in the vicinity of Market Overton and Cottesmore.

The recent erection of two Aerodromes in the district has caused a large influx of lodgers into the villages near Cottesmore and Edith Weston.

### VITAL STATISTICS

Live Births	Legitimate	M. 48	F. 59	Total	107
	Illegitimate	M. 1	F. 1		2
		<u>49</u>	<u>60</u>		<u>109</u>

Birth Rate per 1,000 estimated resident population  
mid-1939 ... 17.29

Still Births	Legitimate	M. 2	F. 2	Total	4
		<u>2</u>	<u>2</u>		<u>4</u>

Rate per 1,000 total (live and still) Births ... 35.39

Birth Rate for England and Wales... 15.59

Deaths	M. 40	F. 33	Total	<u>73</u>
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Death Rate per 1,000 estimated average populations ... 11.15

Comparative Death Rate (i.e. allowing for age and  
sex distribution) ... 9.25

Death Rate for England and Wales ... 12.1

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Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar-General's Short List):-

	<u>Deaths</u>	<u>Total</u>
No.29 Puerperal Sepsis	1	1
No.30 Other puerperal causes	-	-
		<u>1</u>

Death Rate of Infants under one year of age:-

All infants per 1,000 live births...	45.87
Legitimate infants per 1,000 legitimate live births .....	46.72
Illegitimate infants per 1,000 illegitimate live births ...	-

Infant Mortality Rate for England and Wales ... 50

CAUSES OF DEATH

	<u>Males</u>	<u>Females</u>
All Causes	<u>40</u>	<u>33</u>
Cancer ...	5	4
Measles ..	-	-
Whooping Cough ...	-	-
Diarrhoea ...	-	-
Influenza...	2	2
Respiratory Tuberculosis ...	2	1
Other Tuberculosis ...	1	-
Diabetes ...	1	1
Cerebral Haemorrhage ...	1	-
Heart Disease ...	10	16
Other Circulatory Diseases ...	2	3
Bronchitis ...	-	1
Pneumonia (all forms) ...	2	-
Peptic Ulcer ...	1	-
Cirrhosis of Liver..	1	-
Acute and Chronic Nephritis...	-	1
Puerperal Sepsis ...	-	1



	<u>Males</u>	<u>Females</u>
Congenital Debility ... ..	2	1
Other Violence ... ..	9	1
Other defined diseases ...	1	1

GENERAL PROVISIONS OF HEALTH SERVICES  
FOR THE AREA

1. (1) Public Health Officers of the Authority

The Medical Officer of Health acts for the Leicestershire and Rutland combined Districts in which this District is included.

The Sanitary Inspector is also Surveyor of the Rural District.

(ii) Laboratory Facilities

The following examinations from your area were carried out during the year in the Virol Research Laboratories:-

Throat Swab for Diphtheria ... ..	37
Milk examination; Bacteriological ... ..	1
	<hr/>
	38
	<hr/>

SANITARY CIRCUMSTANCES OF THE AREA

1. (1) WATER

Number of samples taken for analysis:-

(a) from wells ... ..	14
(b) from pipe supply .. ...	-

Results of samples taken:-

(a) from wells -	
Satisfactory { Chemical ... ..	2
{ Bacteriological...	-
Unsatisfactory { Chemical ... ..	5
{ Bacteriological..	-
(b) from pipe supply -	
Satisfactory { Chemical	7
{ Bacteriological..	7
Unsatisfactory { Chemical ... ..	5
{ Bacteriological..	-





Number of Wells:-

(a)	Closed ... ..	1
(b)	Cleansed, repaired, etc ... ..	5
Number of cases in which public supply was substituted for well water ... ..		3
Number of Parishes with piped water supply ... ..		
(a)	from public mains... ..	5
(b)	from private Reservoirs ... ..	9
Number of Parishes without a piped water supply ... ..		14

Samples taken from the Council's water undertakings in all five Parishes supplied have proved quite satisfactory but cleaning out of private wells has been requested in several instances to ensure a wholesome supply.

The temporary shortage which occurred in the public supply at Whissendine did not recur during 1939.

The new pumping plant at Market Overton for supplies to that village and Gt. Gormore Aerodrome has been in operation since January 1939. Schemes for increasing the supply to Cottesmore Aerodrome and providing the Aerodrome at Edith Weston, Luffenham, with water, are in active course of preparation.

(ii) DRAINAGE AND SEWERAGE

Number of cesspools constructed during the year ... ..		5
Number of cesspools abolished during the year ... ..		2
Total number in on 31st. December, 1939 ... ..		325

(a) Sewerage:-

Repairs to the Sewerage system at Ashwell were carried out during the course of 1939

(b) Sewage disposal:-

Some alterations were necessary to the systems of sewage disposal in the Parishes of Manton and Ashwell and these were effected during 1939.

(c) Particulars of any scheme which is at present under consideration.

The execution of the works of sewerage in the Parish of Langham, in connection with which the Council have called in consulting Engineer has been deferred for the period of the present emergency.

[illegible]



(c) Particulars of any scheme which is at present under consideration

The execution of the works of Sewerage in the Parish of Langham, in connection with which the Council have called in consulting Engineers, has been deferred for the period of the present emergency.

2. (1) CLOSET ACCOMMODATION.

Total number in the District at the end of 1939:-

(1)	Privies	...	...	...	...	56
(2)	Pail Closets	...	...	...	...	1514
(3)	Water Closets	...	...	...	...	288

Number of Closets converted to the water carriage system during the year:-

(1)	Privies	...	...	...	...	1
(2)	Pails	...	...	...	...	5

Number of Privies converted to Pail Closets during the year ... .. 1

(ii) PUBLIC CLEANSING

Seven of the villages in the District - Cottessmore, Eaton, Empingham, Langham, Market Overton, Greetham and Manton, are provided with a weekly scavenging of refuse carried out by Contractors on behalf of the Council. A partial removal is provided for Ashwell, Barrow and Whissendine.

The above seven villages are provided with a weekly scavenging system of night soil carried out by Contractors on behalf of the Council. Cesspools at Empingham are emptied by Contract.

Scavenging at Cottessmore Aerodrome is now carried out by Contractor under arrangement with the Air Ministry.

The possibility of a collection by motor lorry from all villages in the Rural District has been discussed and has been left in abeyance for the time being.

(iii) SMOKE ABATEMENT

One observation was made, but no action was necessary.

(iv) SANITARY INSPECTION OF THE AREA

The particulars given under this Heading should be for all purposes including particulars given elsewhere in this Report.

Total number of complaints received	...	...	...	49
Total number of defects or nuisances discovered	...	...	...	97

January 1st 1881

Dear Mother

My dear Mother

I have just received your letter of the 28th and was very glad to hear from you. I am well and hope this finds you the same.

I am writing you a few lines to let you know how I am getting on.

I am still in the same place and hope to stay here for some time.

I am very much interested in the progress of the school.

Yours affectionately

John

John

Nature of Inspections:-

	<u>Inspections</u>	<u>Re-visits</u>
Dwelling houses (all purposes) . . . . .	187	433
Tents, Vans, etc. . . . .	2	4
Slaughter houses . . . . .	11	85
Food premises . . . . .	7	18
Dairies and Cowsheds . . . . .	44	54
Offensive Trades . . . . .	-	-
Animal Keeping . . . . .	1	1
Workshops, etc. . . . .	22	24
Shops . . . . .	23	23
Other Premises . . . . .	351	882
Total	648	1,524

NOTICES

<u>Preliminary</u>	<u>Housing</u>	<u>Other</u>
Outstanding on the 1st. Jan.	8	4
Issued during the year	28	57
Complied with during the year	30	61
Statutory action necessary	1	-
Outstanding 31st. December	6	-

<u>Statutory</u>	<u>Housing</u>	<u>Other</u>
Outstanding on 1st. Jan	38	-
Issued during the year	10	1
Complied with during year	16	1
Statutory action necessary	10	-
Outstanding 31st. December	32	-

Summary Action

Number of Summonses issued	-
Number of convictions obtained	-

An appeal against a Demolition Order made by the Council was withdrawn at the County Court in February, 1939, and costs allowed to the Council.

(v) SHOPS

Action taken during the year under the Provisions of the Shop Act, 1934.

	<u>Outstanding from previous year</u>	<u>Defects found</u>	<u>Defects remedied</u>	<u>Outstanding 31st. Dec.</u>
Sanitary Conveniences	-	1	1	-
Temperature	-	-	-	-
Ventilation	-	-	-	-

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(vi) CAMPING SITES

Number of sites in area used for camping purposes during year ... ..	1
Number of Camping sites for which licences have been issued ... ..	2
Estimated maximum number of campers resident in area during summer months ... ..	4

(vii) REGULATED BUILDINGS

	<u>Number in District</u>	<u>Number of inspections.</u>	<u>Action taken</u>	<u>General Conditions</u>
Common Lodging Houses	-	-	-	-
Tents, Vans, Sheds, etc.	1	3	Removed	Unsatisfactory
Canal Boats	-	-	-	-
Offensive Trades	-	-	-	-

The removal of a van situated in the Parish of Stretton was effected during the course of the year without resort to legal proceedings.

(viii) ERADICATION OF BED BUGS

No cases came under observation. A supply of powder and Zaldecide is used when necessary.

All premises of prospective tenants for Council houses are inspected prior to removal.

Every Council house in the District is visited weekly by the Sanitary Inspector for purposes of rent collection and the inspection carried out for defects and cleanliness when circumstances warrant such action.

(ix) SCHOOLS

The sanitary conditions are satisfactory and the water supply is good.

H O U S I N G

(1) NUMBER OF NEW HOUSES ERECTED DURING THE YEAR

(a) By the Local Authority ... ..	8
(b) By other bodies or persons ... ..	10

Inspection of Dwelling-houses during the year:-

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) ... ..	187
(b) Number of inspections made for the purpose ...	620
(2) (a) Number of dwelling-houses (included under Sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932 ... ..	18
(b) Number of inspections made for the purpose ... ..	18

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3. Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... .. 101
4. Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... .. 30

(2) REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICE:-

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers ... .. 29

(3) ACTION UNDER STATUTORY POWERS DURING THE YEAR

(a) Proceedings under Section 2, 19 and 16 of the Housing Act, 1936:-

(1) Number of dwelling-houses which were rendered fit after service of formal Notices:-

(a) By Owners ... .. Nil

(b) By Local Authority in default of Owners ... .. Nil

(b) Proceedings under Public Health Acts:-

(1) Number of dwelling-houses in respect of which Notices were served requiring defects to be remedied ... .. 1

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:-

(a) By Owners ... .. 1

(b) By Local Authority in default of Owners ... .. -

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936:-

(1) Number of dwelling-houses in respect of which Demolition Orders were made ... .. 10

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders... .. 8

(4) HOUSING ACT, 1936 - PART iv - OVERCROWDING

(a) (1) Number of dwellings overcrowded at the end of the year ... .. 6

(ii) Number of families dwelling therein ... .. 6

(iii) Number of persons dwelling therein ... .. 36



- (b) Number of cases of overcrowding reported during the year ... Nil
- (c) (1) Number of cases of overcrowding relieved during the year ... 1
- (ii) Number of persons concerned in such cases... 8
- (d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ... Nil

# INSPECTION AND SUPERVISION OF FOOD.

## (a) MILK SUPPLY

	<u>Cowkeepers</u>	<u>Dairymen or Purveyors of Milk (Other than Cowkeepers)</u>
Number on Register ...	141	4
Number of inspections of premises...	98	8
Number of contraventions outstanding from previous year ...	2	-
Number of contraventions found during the year ...	8	1
Number of contraventions remedied during the year ...	9	1
Number of contraventions outstanding 31st. December ...	1	-

## Total Contraventions

	<u>Outstanding from previous year</u>	<u>Found during year</u>	<u>Remedied during year</u>	<u>Outstanding on 31st. Dec.</u>
Cleansing	1	5	6	-
Structural alterations	1	3	3	1
Utensils	-	1	1	-
Other	-	-	-	-

## MILK SAMPLING

Undertaken by the Council.

### Unsatisfactory Samples:-

The County Council have not yet arranged for the Producer removed during 1938, to be again registered for the production of accredited milk. Certain improvements have already been carried out in this particular case.





THE MILK (SPECIAL DESIGNATIONS) ORDERS 1936 and 1938

Licences issued by Local Authorities:-

Number of Licences issued in respect of:-								
Tuberculin Tested			Accredited			Pasteurised		
Bottling	Distribution		Bottling	Distribution		Pasteurising	Retail Dist.	
	Dealers	Supple- mentary		Dealers	Supple- mentary	Plants	Dealers	Supp. ment- ary
	2	2	1	19		N I L		

(b) MEAT AND OTHER FOODS

Number of Public Abattoirs in the District ... Nil

Private Slaughter Houses:-

	In Jan. 1939	In Dec. 1939
Number registered ...	Nil	Nil
Number licenced ...	12	11
Number of visits to premises other than at times of slaughter ...		66
Number of inspections of meat at times of slaughter ...		30
Number of Knacker Yards in the District ...		Nil
Number of visits to Knacker Yards ...		Nil

CARCASES INSPECTED AND CONDEMNED

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Total weight in lbs.
Number killed	250	50	25	600	300	-
Number inspected	25	10	4	50	50	-
<u>All Diseases except Tuberculosis</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcases of which some part or organ was condemned	-	1	-	-	-	12
Percentage of number inspected affected with disease other than Tuberculosis	Nil	10%	-	-	-	-

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	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Total weight in lbs.
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	-	1	-	-	-	7
Percentage of the number inspected affected with Tuberculosis	-	10%	-	-	-	-

MEAT STALLS .. Nil.

MEAT SHOPS, MEAT STORES, ETC.

Eleven inspections were made.

PLACES WHERE FOOD (OTHER THAN MEAT) IS KEPT OR PREPARED  
OR PREPARED FOR SALE.

Fourteen inspections were made.

An inspections of Meat-preparing places was  
carried out towards the end of 1939 for the purposes of the  
new Food and Drugs Act.

PREVALENCE OF AND CONTROL OVER  
INFECTIOUS AND OTHER DISEASES.

Regulations for the notification of Measles and Whooping  
Cough came into operation on October 23rd. 1939.

Notifiable diseases (other than Tuberculosis) during  
the year 1939.

<u>Disease</u>	<u>Total Cases notified</u>	<u>Cases admitted to Hospital</u>	<u>Total Deaths</u>
Scarlet Fever	7	4	-
Diphtheria	7	6	-
Pneumonia	7	-	1
Erysipelas	6	-	-
Cerebro Spinal Meningitis	-	-	-
Measles	1	-	-
Whooping Cough	-	-	-
Puerperal Pyrexia	1	-	-
Malaria	1	1	-
Paratyphoid	1	1	-



# AGE GROUPS

Disease	Under one	1-2	2-3	3-4	4-5	5-10	10 - 15	15 - 20	20 - 35	35 - 45	45 - 65	65 and over
Scarlet Fever						4		1	2			
Diphtheria			2			1		3	1			
Pneumonia					1	1				2	2	1
Erysipelas						1					5	
Measles									1			
Malaria								1				
Paratyphoid							1					

## TUBERCULOSIS

### New Cases and Mortality during 1939

Age Groups	New Cases				Deaths			
	Pulmonary M	Pulmonary F	Non-Pulmonary M	Non-Pulmonary F	Pulmonary M	Pulmonary F	Non-Pulmonary M	Non-Pulmonary F
Under one	-	-	-	-	-	-	-	-
1 - 5	-	-	-	-	-	-	-	-
5 - 15	-	-	1	-	-	-	-	-
15 - 25	-	-	1	-	-	-	-	-
25 - 35	2	1	-	-	-	1	-	-
35 - 45	2	1	-	-	2	-	-	-
45 - 55	-	-	-	-	-	-	-	-
55 - 65	-	-	-	-	-	-	-	-
65 and upwards	-	-	-	-	-	-	-	-
TOTALS	4	2	2	-	2	1	-	-

